

RG 104, Sequence 024

8NN-104-91-024, Correspondence
relating to major additions to the U.S.
Mint 1905 - 1906. Accretion to
8NN-104-84-051.

U. S. Mint

Denver, CO

Correspondence Relating to Major Additions
to the U.S. Mint

1905-1906

(accretion to 8NN-104-84-051, old
accession 104-89-0004)

8NN-104-91-024

Box 1

THE MINE AND SMELTER SUPPLY CO.,

MACHINERY AND MINING SUPPLIES.

17TH AND BLAKE STS.

P. O. BOX 1721.

Denver, Colo.

November 28, 1905.

ADDRESS ALL BUSINESS COMMUNICATIONS TO THE COMPANY

CODES USED.
BEDFORD McNEILL,
A. B. C.

WESTERN UNION TELEGRAPHIC CODE

BRANCH HOUSES:
EL PASO, TEX.
SALT LAKE CITY, UTAH.
NEW YORK CITY.

The Mint of The United States,
City,

Gentlemen:-

In reply to your favor of the 23rd inst., we beg to advise that we could supply from stock the following:-

7 Dixon Crucibles #70	Height 14 1/2" Dia at top 10 3/4"	each	\$4.20
10 " " #80	" 15" " " " 10 7/8"	"	4.80
50 Bridgeport " #60	about 14" high x 10 3/8" dia at top	"	3.60
27 " Covers #80		"	1.00
47 " Covers #60		"	.75
15 Graphite Stirrers 14 1/2" long		"	.45

Trusting we may be favored with your order for whatever you could use from the above list, we are,

Yours very truly,

V

Assay Department
The Mine & Smelter Supply Co.

[Signature]

November 28, 1905.

The Mint of The United States,

City,

Gentlemen:-

In reply to your favor of the 23rd inst., we beg to advise that we could supply from stock the following:-

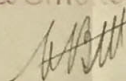
7 Dixon Crucibles #70	Height 14 1/2" Dia at top 10 3/4"	each	\$4.20
10 " " #80	" 15" " " " 10 7/8"	"	4.80
50 Bridgeport " #60	about 14" high x 10 3/8" dia at top	"	3.60
27 " Covers #80		"	1.00
47 " Covers #60		"	.75
15 Graphite Stirrers 14 1/2" long		"	.45

Trusting we may be favored with your order for whatever you could use from the above list, we are,

Yours very truly,

V

Assay Department
The Mine & Smelter Supply Co.



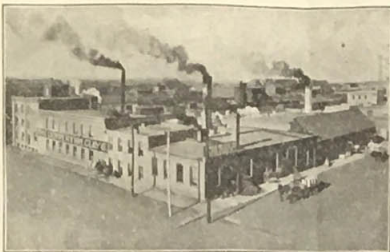
Please return this with your reply.

Denver, Colo. Nov. 29th, 05.

Mint of the United States,
Denver, Colorado.

- Quote -

	50 no. 70 Special Graphite Crucibles		
	(Dixon #80 Spec.) (Blue Print)		
	15 Covers - Graphite - for above crucibles	4 60	each
6 -	30 No. 3 " cups	1 20	each
	30 No. 5 " "	50	each
	15 " " Gold stirrers Special (Blue print)	50	each
3 -	15 14-1/2 inch " "	1 50	each
	15 4 " " Rings- regular, for above crucibles	55	each
	15 2 " " " 1/2 regular size "	1 00	each
		70	each.



FACTORY, 3101-3147 BLAKE STREET
STORE, 1742-1746 CHAMPA STREET
P. O. BOX 1540

W. W. CASE, PRESIDENT
C. M. WOODS, SECRETARY
H. O. BOSWORTH, SUPERINTENDENT

WESTERN UNION OR A B C CODES

ESTABLISHED 1876
INCORPORATED 1880

The Denver Fire Clay Co.

MANUFACTURERS.

Assayers' and Chemists' Supplies
School Apparatus
Chemicals
Etc.

IMPORTERS.

Denver, Colo., Nov. 28/05.

Mr. Frank M. Downer, Supt.,
Mint of the United States,
D e n v e r.

Dear Sir:-

In compliance with your request of November 23rd., we take pleasure in enclosing you, herewith, itemized quotation on the list of supplies submitted to us. These prices are all f.o.b. Denver, provided we can make delivery via freight, as we have figured on Dixon's goods coming by freight.

We would not be able to make delivery on December 10th, unless we had the goods come forward via express, in which event we would have to ask that you pay the difference between the express and freight.

Thanking you in advance for advices as to what we may expect, we remain,

Yours very truly

The Denver Fire Clay Company

By 

CMW

No. 1767. TREASURY DEPARTMENT

One panel board
for Refinery and
one for Assay.
G. M. W.

Agents for
Holtzer Cabot
Watchmen's Time Detectors.
Telephone Apparatus.
Motors and Dynamos.
Motor Generators.
Plating Dynamos.

The Patterson Electric Co.,

ELECTRICAL SPECIALTIES AND
CONTRACTING.

Expert Electric Clock Work.
Electric Time
Systems.
Watchmen's Clock
and
Fire Alarm Systems
Installed.

SUBJECT

Meriden, Conn. Dec. 4th, 05.

Mr. Frank M. Donner, Supt.,
U.S. Mint, Denver, Col.

Dear Sir:-

Referring to the two panel boards which we are building for you would say that the marble people have delayed us somewhat in getting the marble from the quarries. We now have advise that this is being shipped and we will start work upon the boards immediatley upon receipt of the marble at our factory and will be able to make shipment in one week after the material is in our hands.

We write you this information so that you will know just how the matter stands and that the delay is not with us but the parties furnishing the raw material, who are nearly two weeks behind their promised deliveries, however, now that we have shipping advise we are confident that there will be no further delay and we will make every effort to deliver the boards to you at the earliest possible moment.

Trusting the above explains the situation to your entire satisfaction, we beg to remain,

Very truly yours,

PATTERSON ELECTRIC CO.

E. Q. Patterson
Mgr.

Westinghouse Electric & Manufacturing Company,

ADDRESS REPLY TO THE COMPANY,

429-17TH STREET.

WORKS, EAST PITTSBURGH, PA.

429-17TH STREET,

DENVER, COLO.

Nov. 27, 1905.

Mr. Frank M. Downer, Supt.,

United States Mint,

Denver, Colorado.

Dear Sir:-

We are in receipt of a letter from our Mr. F. F. Rohrer under date of Nov. 24th confirming telegram which we have already quoted you. Mr. Rohrer explains the difficulties in anticipating the date of December 15th, and will quote for your information the last paragraph of his letter as follows:-

"We will endeavor to anticipate this date of Dec. 15th if it is at all possible to do so and we have given this order preference in the shop, so that if it is a physical possibility to get out this set on Dec. 5th, we will do so."

Yours truly,

WESTINGHOUSE ELECTRIC & MFG. CO.,

By

ECM/B

E. C. Means

Westinghouse Electric & Manufacturing Company,

ADDRESS REPLY TO THE COMPANY,
429-17TH STREET,

WORKS, EAST PITTSBURG, PA.

429-17TH STREET,

DENVER, COLO.

Nov. 25, 1905.

Mr. Frank M. Downer, Gen. Supt.,
United States Mint,
Denver, Colorado.

Dear Sir:-

As per your request we wired our Pittsburg office, Nov. 23rd as follows: "Imperative one motor generator set Denver Mint be ready for inspection not later than Dec. 5th. Begin operations Jan. 1st. Motor generator necessary to start the process. Advise immediately by telegraph," to which we are in receipt of their reply under date of Nov. 24th as follows:- "Referring to your telegram of the 23rd instant, Denver Mint, first motor generator set ready for inspection December 15th. Cannot anticipate date."

Will enclose herewith copy of a letter written this date to our Mr. F. F. Rohrer.

Yours truly,

WESTINGHOUSE ELECTRIC & MFG. CO.,

By

E. Means

ECM/B

Enc.

F. F. Rohrer

DENVER MINT.

Nov. 25, 1905

We are enclosing herewith copy of a letter written this date to Mr. Frank M. Downer which we trust will be self-explanatory.

Mr. Downer has impressed on the writer the importance of getting at least one of these motor generator sets in operation prior to the first of January on which date they begin operations at the Mint and at least one of these sets is necessary in the process. You will note that we have advised Mr. Downer that the first machine will be ready for inspection December 15th and that you cannot anticipate this date, which, however, we sincerely hope will not be the case and that something may turn up whereby you can make an earlier delivery in which event, please wire this office immediately, when the machine will be ready for inspection.

Yours truly,

L. M. CARGO, MOR.,
By

ECM/B

Enc.

Westinghouse Electric & Manufacturing Company,

ADDRESS REPLY TO THE COMPANY,

429-17TH STREET.

WORKS, EAST PITTSBURG, PA.

429-17TH STREET,

DENVER, COLO.

Nov. 22, 1905.

United States Mint,

Mr. Frank M. Downer, Gen. Supt.,

Denver, Colorado.

Gentlemen:-

We are in receipt of a letter from our Mr. William H. Keller, Assistant Supt. of Construction, under date of Nov. 18th, copy of which we enclose herewith for your information. Will also enclose copy of a letter written this date to Mr. Keller in regard to the 15 feet of .162 wire. Will also quote you a telegram from Mr. Keller, under date of Nov. 21st. as follows:-

"Have been advised by Mr. Rohrer that motor generator sets for Denver Mint will not be ready to be inspected until December 15th. If this is not satisfactory, communicate with D.C. Department direct."

Kindly advise and we will take this matter up promptly.

Yours truly,

WESTINGHOUSE ELECTRIC & MFG. CO.,

By

E. Means.

ECM/B

Encs.

Nov. 18, 1905.

THE DENVER MINT. D. C-7045.

Mr. L. M. Cargo,

Manager Denver Office.

Dear Sir:-

I have your telegram of yesterday, stating that the cable specified in my wire of the same date will be satisfactory, and I have, therefore, ordered to be included with shipment of the motor-generator sets the following:-

- 60 - Ft. of 61 - .114 rubber insulated, lead covered cable, as per P.D. Spec. \$1443.
- 50 - Ft. of 37 - .0808 rubber insulated, lead covered cable as per P.D. Spec. #1443.
- 15 - Ft. of .162 wire, rubber insulated, lead covered, as per P.D. Spec. #1443.

These amounts seem to me to be rather small, and I call the matter to your attention so that if any mistake was made in taking the measurements, same can be rectified. The above amounts cover the total ordered for both outfits.

Yours very truly,

William H. Keller,

Ass't. TO Sup't. of Construction.

WK-M

William H. Keller
UNITED STATES MINE.

Construction
Nov. 22, 1905

Referring to your favor of Nov. 18th copy of which we have sent to Mr. Downer, general superintendent of the Denver Mint, would call your attention to the 15 feet of .162 wire and to our telegram of Nov. 16th which latter you will note did not specify 15 feet of No. 8 B. & S. gauge but "15 feet run of leads" From this we expected you to understand that the distance from the rheostat to the point on the terminal boards on the machines, would be fifteen feet and that the wire should be of sufficient length in one piece to make all of the necessary connections, fifteen feet each. Our reason for putting it this way was that we did not know how many connections there would be between the rheostat on the switchboard and the machines, so far as the field connections are concerned.

Trusting this will make the subject perfectly clear and that you will increase the number of feet of wire for field leads to the proper amount, we are,

Yours truly,

L. M. CARGO, MGR.,

By

ECM/B

THE GENERAL FIREPROOFING CO.

MANUFACTURERS OF
ALLSTEEL FURNITURE AND FILING EQUIPMENT,
HERRINGBONE STEEL LATH
AND OTHER
EXPANDED STEEL PRODUCTS.

YOUNGSTOWN, OHIO, U.S.A. November, 4, 1905.

Mr. Frank M. Downer, Superintendent.

U. S. Mint.

Denver, Colo.

Dear Sir:-

We wired you under date of the 1st. for a return of all drawings sent for approval. The rule of our factory is that we cannot proceed with any work until we have our shop drawings O. K'd and returned to us.

It is vital that this matter should reach us without delay- both as regards the book-keepers standing desk covered by your letter dated October 27, and also as relates to the other pieces of furniture, which are in process of construction and on which we should have absolute advice.

Respectfully,

THE GENERAL FIREPROOFING COMPANY.

J. R. Ridell
General Manager Sales.

FRR-M.

ESTABLISHED 1863.
INCORPORATED 1877

OBERLIN SMITH,
PRES. & MECH. ENG.

ENOS PAULLIN,
SECY & TREAS.

PERCIVAL H. SMITH,
VICE PRESIDENT



CABLE ADDRESS "FERRACUTE, BRIDGETON."
LONG DISTANCE TELEPHONE, NO. 34.
LIEBER'S CODE USED.

FERRACUTE MACHINE COMPANY

PRESSES, DIES, AND OTHER SHEET METAL TOOLS.

MACHINERY FOR MINTS, AND FOR MAKING HARDWARE, CYCLES, ELECTRICAL GOODS, etc.

Bridgeton, New Jersey, U.S.A., November 10, 190

Answering Yours of _____

The U. S. Mint,

Denver, Colorado.

Gentlemen:-

Your telegram received. We have been and are still following right after this shipment, as previously mentioned. This was forwarded in connection with other machinery through a forwarding agent in New York, Alfred H. Post & Co., who are very extensive freight forwarders, but through some misunderstanding this shipment was side tracked (delayed) at Chicago, and we are sure that A. H. Post & Co. will keep right after it until it is delivered to you, which we trust will be without much further delay. We note the shipment was as far West as Dodge City, Iowa on the 30th of last month. We very much regret this delay, but thank you in advance for your further indulgence a little longer until it arrives.

Yours truly,

Ferracute Machine Co.,

Per E. Paullin Sec'y.

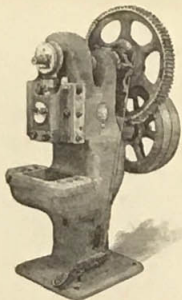
E

ESTABLISHED 1863.
INCORPORATED 1877.

OBERLIN SMITH,
PRES. & MECH. ENG.

ENOS PAULLIN,
SECT. & TREAS.

PERCIVAL H. SMITH,
VICE PRESIDENT



FERRACUTE MACHINE COMPANY

TRADE MARK
FERRACUTE
PRESSSES, DIES
AND OTHER SHEET METAL TOOLS.

MACHINERY FOR MINTS. AND FOR MAKING HARDWARE, CYCLES, ELECTRICAL GOODS etc.

CABLE ADDRESS: "FERRACUTE BRIDGETON,"
LONG DISTANCE TELEPHONE NO. 34.
VIEBER'S CODE USED.

Bridgeton, New Jersey, U.S.A., Oct. 31st, 1905.

Answering Yours of 10-19

The Mint of the United States at Denver,

Per Mr. Frank M. Downes, Supt.,

Dear Sir:--

Denver, Colorado.

Referring to your letter of the above date, kindly note that we have just received a telegram from the freight forwarders reading as follows: "Shipment machinery United States Mint delivered October 28th".

We understand by the telegram received that the topping machine with motor, etc. covering our contract with your Mint was delivered on the 28th of October. We trust that you have the machine by this time and regret exceedingly the delay of the forwarders in getting it to you..

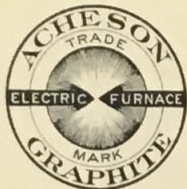
We have not yet been advised as to the cause of the trouble but will follow the matter up and let you know more about it later.

Very truly yours,

Ferracute Mch. Co.,

Per *E. Paullin* Sec'y.

S.



INTERNATIONAL

ACHESON GRAPHITE COMPANY,

MAKERS OF

GRAPHITE AND PURE CARBON

ADDRESS ALL
COMMUNICATIONS
TO THE
COMPANY.

CABLE ADDRESS, GRAPHI
A B C CODE, 1914 EDITION
A B C CODE, 1914 EDITION
LIEBES CODE

GRAND PRIX, PARIS, 1900
GRAND PRIZE, ST. LOUIS, 1904
GOLD MEDALS: OMAHA, 1899
BUFFALO, 1901
CHARLESTON, 1902
ST. LOUIS, 1904

NIAGARA FALLS, N.Y., U.S.A. Aug. 31 1905.

IN REPLYING KINDLY REFER TO OUR FILE NO. 1240-C.

SUBJECT: ACHESON GRAPHITE ELECTRODES.

Hon. Frank M. Downer,
Superintendent United States Mint,
Denver, Col.

Dear Sir:

We have your esteemed favor of August 28th replying to our inquiry of the 25th inst. in regard to the Acheson Graphite Electrodes recently shipped to the Denver Mint. We note from the report of the Melter and Refiner enclosed in your letter that the material in question has not yet been put into service, and that it will probably not be used for several months. We appreciate very much your courtesy in supplying us with this information, and trust that you will permit us to refer to this subject at a later date when our product has been in use long enough to warrant an opinion as to its efficiency for the work required of it. We hope that these electrodes will prove entirely satisfactory and justify the placing of further orders.

Yours very truly,

INTERNATIONAL ACHESON GRAPHITE COMPANY.

E/K
El/R
3m

THE GENERAL FIREPROOFING CO.

YOUNGSTOWN, OHIO

Allsteel

FURNITURE & FILING EQUIPMENT
FOR BANKS, LIBRARIES, PUBLIC BUILDINGS
AND OFFICES

EXPANDED METAL LOCKERS AND
SHEET STEEL WARDROBE LOCKERS

OFFICES:

NEW YORK, CHICAGO, WASHINGTON

EXPANDED METAL FOR
REINFORCEMENT OF CONCRETE
HERRINGBONE EXPANDED STEEL LATH.
DIAMOND MESH LATH

YOUNGSTOWN, OHIO, January 16, 1906

1798/2268

Mr. Frank M. Downer,
Supt. U. S. Mint,
Denver, Col.

Dear Sir:-

In reply to yours of the 10th, we wish to
advise that we expect to make shipment of the desks in question
about the 29th.

Yours truly,

THE GENERAL FIREPROOFING CO.

Dictated by C.W.Freed-MS.

*Rockwell Engineering Company,
Furnaces
Fuel Oil Burning Appliances.*

26 CORTLANDT STREET.

W. S. ROCKWELL, Pres.
GEO. C. OETERS, Vice Pres.
F. S. GARRETT, Sec. & Treas.

CABLE ADDRESS
"ROCKFUR" NEW YORK.
A. S. C. CODE.
WESTERN UNION.

FSG/L

New York,

Dec. 21, 1905.

Frank M. Downer,
Supt. Denver Mint,
Denver, Colo.

Dear Sir:-

Your telegram of 8th was duly received, but we were unable to get any information from the factory regarding shipment of furnaces until today.

We wired our Mr. Davis, that we expected to make shipment of one strip annealing and one planchette furnace on the 8th inst. We were however delayed unusually by the foundry on delivery of some cast iron parts, and have just completed one of each furnace.

We are today starting our shop tests of these furnaces, and hope to make shipment during the coming week.

The shut down through the Holidays may delay us somewhat, but we think you can safely figure on shipment, not later than the 1st week in January.

The balance of the furnaces will follow the first shipment quickly.

Respectfully,

ROCKWELL ENGINEERING CO.

F. S. Garrett Secy.

CONFIRMATION OF TELEGRAM

THE GENERAL FIREPROOFING CO.

YOUNGSTOWN, OHIO

4. P. M.

To Charge.

March 7, 1906.

Mr. Frank H. Bowner,

Supt. U. S. Mint,

Denver, Col.

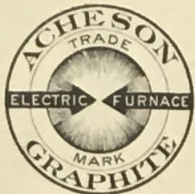
Have arranged with Builders Supply Company,

Denver to erect furniture.

HBO-MS.

THE GENERAL FIREPROOFING CO.

INTERNATIONAL



ACHESON GRAPHITE COMPANY,

MAKERS OF

GRAPHITE AND PURE CARBON

ADDRESS ALL
COMMUNICATIONS
TO THE
COMPANY

CABLE ADDRESS, "GRAPHITE"
A.B.C. CODE 14TH EDITION
A.B.C. CODE 17TH EDITION
LIEBERT CODE

NIAGARA FALLS, N.Y., U.S.A. Mar. 16, 1906.

GRAND PRIX, PARIS, 1900
GRAND PRIZE, ST. LOUIS, 1904
GOLD MEDALS: OMAHA, 1898
BUFFALO, 1901
CHARLESTON, 1902
ST. LOUIS, 1904

IN REPLYING KINDLY REFER TO OUR FILE NO. 1240-C.

SUBJECT: ACHESON GRAPHITE ELECTRODES.

Hon. Frank M. Downer,
Superintendent United States Mint,
Denver, Col.

Dear Sir:

On April 18, 1905, we had the pleasure of shipping you 100 1/2 x 4 x 24" Acheson Graphite Electrodes on an order received from Mr. George E. Roberts, Director of the Mint at Washington, D. C. Under date of August 28, 1905, you very kindly reported that this material had not yet been put into service and you were, for that reason, unable to report as to its efficiency for your work. We beg to ask if we can now be favored with any information on this subject, as we desire to keep in touch with all tests made on our product in order to offer suggestions prompted by our experience in similar lines of work should any difficulties have been encountered.

Hoping that our product has proved satisfactory, and assuring any further orders received from you our best attention, we remain,

Yours very truly,

INTERNATIONAL ACHESON GRAPHITE COMPANY.

E/H
3m

Referred to Mr. Whitehead for report.
H. H. K.

DICTATED

DENVER DIVISION,
I. F. KEEPING,
SPECIAL AGENT.



Dec. 12th, 1905.

SUBJECT:

Crude Oil:

U. S. Mint,

Denver, Colorado.

Dear Sir:-

As per your request over the 'phone, we quote you Crude Oil in tank cars, you to handle the car direct on arrival, at 5¢ per gallon; If we handle the product on arrival of car and make deliveries to you in tankwagon loads of 1000 gallons at a delivery, we quote you 6¢ per gallon.

This quotation is F.O.B. Denver and subject to change.

Yours truly,

RAG-BE✓

I. F. Keeping

DICTATED

DENVER DIVISION,

I. F. KEEPING,

SPECIAL AGENT



Dec. 19th, 1905.

SUBJECT:

Mr. F. M. Downer, Supt.,
U.S. Mint,
Denver, Colorado.

Dear Sir:-

We wish to quote you on Fuel Oil as follows:-

Crude Oil:

Tank Cars	5¢
Tank Wagon,	6¢

Residuum:

Tank Cars,	4¢
Tank Wagon,	5¢

The tank car quotations are to apply on shipments direct to the Mint, you to handle the product upon arrival of the car.

Tank wagon quotations are to apply on deliveries by tank wagon of 1000 gallons to the delivery.

All quotations F.O.B. Denver, and subject to change.

Yours truly,

C.S-B.E.

A handwritten signature in cursive script, which appears to read 'I. F. Keeping', is written over the typed name 'I. F. Keeping'.

No. 19. TREASURY DEPARTMENT

Mr. J. W. Mulvaney,
Mulvaney & Simpson;

Will you please
note on repⁿ number
of sq. yds. to be
covered in two rooms
Respy.

11/16 - E. H. Mulvaney
Specimen

Cordes & Feldhauser

Carpet Co.,

1617 California St.,
Denver, Colo.

* $1\frac{25}{100}$ per yd - laid in cement -

Please have a
man come up and
measure space for
cork compound flooring.

Mint of the United States at Denver,

Melter and Refiner's

Department,

Apr. 1

, 1905

TO THE SUPERINTENDENT.

Sir:

Please furnish the following necessary supplies for use in this

Department, viz:

Cork and rubber composition matting for Refining
Laboratory, two rooms, sample herewith.

Will require twenty-eight square yards, more or
less, according to the cutting and fitting.

Approved:

Joseph Wilson
Melter and Refiner

Superintendent.

Form No. 131 E.

Mint of the U. S. at Denver.

REQUISITION FOR SUPPLIES

No.

Approved:, 190....

Superintendent.

John H. Selmes.
Pres't & Treas'r.

ESTABLISHED 1854.

George B. Coggeshall.
Sec'y.

The Mitchell Vance Company,
Manufacturers and Importers of
Lighting Fixtures for Electricity & Gas
836 & 838 Broadway

ADDRESS CORRESPONDENCE
TO MANUFACTORY
503-511 WEST 24TH STREET,
NEAR 10TH AVENUE.

CABLE ADDRESS
"MITVANCE," NEW YORK.

New York. Dec. 4/1905

Superintendent U. S. Mint,

Denver, Colo.

Gentlemen;-

In further answer to yours of Nov. 15th. in regard to wrong globes shipped for the arc lamps, we have taken this matter up with the glasshouse and find they made two mistakes in our shipments, sending the globes for your job to New Haven and the globes which you have, should have been sent to our New Haven customer. The glass house now write they made a correct shipment to the Mint from their works about a week ago, and that would bring it about the latter part of November, as their letter is dated Dec. 1st.

We shall be glad to hear from you when the goods arrive. They say nothing in their letter about disposition to be made of the glass you now have and we shall ask them again what is to be done with it.

Yours truly,

The Mitchell Vance Company,

G. B. Coggeshall
Sec'y.

(3)

Women employed in coinage operations during December 1905.

Milling.....10 -
 Selecting.....10 -
 Counting.....1 -
 Feeding Presses.....25 -
 Adjusting.....19 ✓
 Detailed to other departments..9

(Signed) John H. Landis,

Superintendent.

Mint of the U. S. at Philadelphia

SUPERINTENDENT'S OFFICE

33446

REC'D JAN 2 1906
Bureau of the Mint

234476

Bureau of the Mint.
REC. JAN 5 1906

Mint of the U. S. at Philadelphia,

SUPERINTENDENT'S OFFICE,

190

Women employed in coinage operations during December 1905.
Milling.....10
Selecting.....10
Counting.....1
Feeding Presses.....25
Adjusting.....19
Detailed to other departments..9

Superintendent.

SUBJECT:

(2)

(Signed) John H. Landis,

Superintendent.

No. of Inclosures,

ASSAY DEPARTMENT.

As at Present:

J. H. Puckett, Weigher	\$1878.	
D. A. Cowell "	1878.	
J.W. Cobbey "	<u>1878.</u>	5634.

As recommended:

1 Asst. Assayer	1878.	
1 Skilled workman	1565.	
1 Sampler (Wing)	1408.50	
1 Cupel maker	<u>1252.</u>	<u>6103.50</u> 11,737.50

COINING DEPARTMENT.

As at present:

P. R. Hempel, Foreman press room	1565.	
W.H. Robinson, " rolling "	1565.	
F.P. Schell, Helper	1095.50	
Mrs. K.E. Kennedy, Forw'n Adjusters	<u>782.50</u>	5,008.

As recommended:

1 Clk, Weigher & Counter	1565.	
1 Counter, Assembler & Weigher	1565.	
1 Asst. " " "	1408.50	
1 Press feeder	1095.50	
1 Milling man	1252.	
1 Selector	1095.50	
2 Truckmen & helpers	2191.	
4 Rollers	5008.	
1 Cutter	1252.	
1 Foreman Annealers	1565.	
3 Annealers	3756.	
1 Foreman Whitening room	1565.	
1 Whitening room man	1252	
5 Adjusters	3922.50	
1 Server, for adjusters	1095.50	29,488.50

Coining department Total

34496.50

DEPOSIT MELTING ROOM.

As at present:

Daniel Brady, Foreman	1721.50	
G. H. Smith, Melter	1408.50	
W. M. Bush	1408.50	
A. R. McElroy	1408.50	
C. W. Dakin	<u>1408.50</u>	7,355.50

MELTER & REFINER'S DEPT.

Refinery.

As at Present:

B. P. Wirth, Foreman	1878.	
J. R. Boyle, Melter	<u>1408.50</u>	3,286.50

As recommended:

1 Gold cell man (Bartlett)	1252.	
1 Silver " "	1173.75	
4 night Cell men	4382.	
1 Asst. Melter	1408.50	
1 Helper	1095.50	
		<u>9,311.75</u>
		12,598.25

Ingot Melting Room.

As at present:

M. J. Quirk, Melter	1565.	1,565.
---------------------	-------	--------

As recommended:

1 Asst. Melter	1408.50	
2 Helpers	2191.	3,599.50

Make up room.

As recommended:

1 Clerk (Hetrick)	1600.	
1 "	1400.	3,000.

Melter & Refiner's Office.

As recommended:

1 Clerk	1600.	
---------	-------	--

Sweep Cellar.

As at present:

E. S. Smith, Amalgamator	1252.	
--------------------------	-------	--

GENERAL DEPARTMENT.

As at present:

H.J.Pumphrey, Capt. of Watch.	1400.	
NR.Twitchell, Door Keeper	1000.	
E.C.Wilson, Watchman	900.	
D.J.McGreal, leadburner,		
plumber, & Gas fitter	1565.	
E.F.Moessner, Adjuster Scales	1408.50	
Oscar Hinrichs, Clerk	1400.	
B.M.Phillips, Secretary	1200.	
P. Ryan, Laborer	782.50	
E.C.Putcamp "	782.50	
A.H.Lundin "	782.50	
O. Peterson "	782.50	
S.J.Browning "	782.50	
J. A. Lindhard, laborer	782.50	
W.G.Campbell "	782.50	
E.C.Tumlin "	782.50	
T.D.Perkins "	782.50	
A. W. Robinson "	782.50	
C. S. Haines "	782.50	
Ethel Henry, Tel. Operator	600.	
Richard Button, Tel. boy	480.	18,561.00

18,561.

As recommended:

1 Elevator pilot	720.	
9 Watchmen	8100.	8,820.

Machinery Department.

As at present:

F. E. Healy, Supt. M'chy.	2191.	
G. M. Hill, Foreman "	1408.50	
Thos. Charlton, machinist	1565.	
J. W. Kittell, fireman	840.	
W. R. Willan, "	840.	
C. A. Mansfield, "	840.	7,684.50

As recommended:

1 Electrician (White)	1565.	
1 Fireman	840.	
3 Engineers	3990.75	
1 Electrician	1252.	
1 "	1173.75	
1 Blacksmith, millwright & pipe fitter	1252.	
1 Carpenter	1408.50	
1 "	1173.75	
1 Painter	1252	
1 Gas plant tender	1330.25	15,238.

22,922.50

RECAPITULATION

Showing cost of the various departments as set forth in the foregoing tabulated statement.

Assay department.....	\$	11,737.50
Coining "		34,496.50
Deposit melting room.....		7,355.50

Melter & Refiner's Dept.

Refinery	\$	12,598.25	
Ingot melting room		5,164.50	
Makeup room		3,000.	
M. & R's office		1,600.	
Sweep Cellar		<u>1,252.</u>	23,614.75

General Department	27,381.	
ditto (M'chy)	<u>22,922.50</u>	50,303.50
		<u>127,507.75</u>

LESS expenses of Refinery to be paid from Parting & Refining fund, commencing July 1st, 1906.....	<u>12,598.25</u>
---	------------------

Amount to be paid from wages of workmen fund 1906...114,909.50

Additions

Amount which may be paid from appropriation of \$150,000. for wages fund for fiscal year commencing July 1, 1906.....	<u>35,090.50</u>
	<u>150,000.00</u>

AMOUNT OF OUTSTANDING CONTRACTS FOR MACHINERY

MINT AT DENVER, COLORADO.

.....

Providence Engineering Works	-----	7,000.00
Westinghouse Electric Co.,	Panel boards etc. -----	745.00
Waterbury Farrel F. & M. Co.,	-----	6,380.00
Alfred Box Co.,	Traveling Crane, -----	1,069.50
Henry Troemner	Balances etc., -----	20,558.04
Standard Electric Time Co.,	-----	3,985.00
Fairbanks Morse & Co.,	-----	4,395.00
Browne Sharpe Man'f Co.,	-----	4,539.25
American Gas Furnace Co.,	-----	1,020.00
Rockwell Engineering Co.,	-----	30,170.00
General Fireproofing Co.,	-----	1,656.90
Eaton Cole & Burnham Co.,	-----	748.00
Alberine Stone Co.,	-----	1,611.00
Denver Fire Clay Co.,	-----	1,161.21
Watson Stillman & Co.	Hydraulic Jacks-----	121.00
Ferracute Machine Co.,	Topping Machine, -----	641.50
Franklin Port. Crane & Hoist Co.	Portable Crane, -----	145.00
Standard Electric Time Co.,	Extra Fittings	479.00
Waterbury Farrel F. & M. Co.,	Motor driven Sampling Press	380.00
Scott Supply & Tool Co.,	Bolt Cutter -----	558.00
" " " " "	Blacksmith-shop Equipment	1,040.00
O. S. Walker & Co.	Set Standard Planer Parallels	52.00
Holtzer-Cabot Electric Co.,	Two electric generating sets	390.00
Browne Sharpe & Co.,	One Cutter & Reamer Grinder	395.00
Total,	-----	89,240.40

AMOUNT OF OUTSTANDING CONTRACTS ON ACCOUNT OF
REFINERY EQUIPMENT, MINT AT DENVER.

.....

Fred. Bertuch & Co.,	Earthen & Porcelain ware	\$ 2,133.70
American Hard Rubber Co.,	Hard Rubber Pump etc., --	772.00
Interna't'l Acheson Graphite Co.	Graphite fixtures, -----	60.00
Waterbury Farrel F. & M. Co.	200 ton Hydraulic Silver Caking Press, -----	3,500.00
George D. Feildt	Supplies -----	1,275.00
Total,	-----	<u>7,740.70</u>

SPECIFICATION FOR CEMENT FLOOR IN REFINERY MELTING ROOM, U.S.MINT BLDG.

-----28-----

Cement floor to be laid in the Refinery Melting room as directed by Custodian, floor to consist of one and one half parts approved Portland cement and three parts good sharp, coarse sand; floor to be approximately 2-1/2" thick; finish coat 1/2" thick, to be troweled smooth, and expansion joints neatly filled with gilsonite.

A concave cement base(similar to cement base in other operating rooms of building) to be placed around all sides of room.

Contractor to have use of elevator to carry materials to room, and he must thoroughly clean up where his work has been performed after completion of same.

SPECIFICATION FOR TERRA COTTA PARTITION AND NEW DOORWAY IN ADJUSTING ROOM,
UNITED STATES MINT BUILDING, DENVER, COLO.

A double 3" terra cotta partition to be constructed in the Adjusting room of Mint building as indicated by the Custodian, tile to be placed with broken joints and three inch air space left between walls of tile; walls to be anchored every three feet horizontally by a cross course of tile, reinforced with 1/8" iron bars, which bars are to be as long as it is possible to obtain.

Tile to be put in place with mortar composed of 1-1/2" parts of Portland cement, one part hydrated lime and three parts good, sharp sand. Tile to be thoroughly wet before being put in place.

Section of partition running north from window, to have a foundation composed of one part Portland cement and two parts sharp sand, with 1/4" square iron bars grouted in cement and resting on I-beams now in place in floor. A 12" i-beam may be substituted for foundation, if preferred.

Partition to be plastered both sides with an approximately 5/8" coat of best plaster, finished in approved manner to correspond with similar work now in place.

All work in connection with construction of partition and plastering to be performed in a skillful and first class manner.

NEW DOORWAY.

Contractor to cut new doorway, approximately 7' x 11', in terra cotta partition now in place between Refinery and Adjusting room where directed, provide a double I-beam lintel over same, and finish doorway properly for placing of wood casing. Wood casing not included in this contract.

After completion of work, contractor to clean up all rubbish and debris caused by his work.

SPECIFICATION FOR TERRA COTTA PARTITION AND NEW DOORWAY IN ADJUSTING
ROOM, UNITED STATES MINT, DENVER, COLO.

A double 3" terra cotta partition to be constructed in the Adjusting room of Mint building as indicated by the Custodian, tile to be placed with broken joints and three inch air space left between walls of tile; walls to be anchored every three feet horizontally by a cross course of tile, reinforced with 1/8" iron bars, which bars are to be as long as it is possible to obtain.

Tile to be put in place with mortar composed of 1-1/2 parts of Portland cement, one part hydrated lime and three parts good sharp sand. Tile to be thoroughly wet before being put in place.

Section of partition running north from window to have a foundation composed of one part Portland cement and two parts sharp sand, with 1/4" square iron bars grouted in cement and resting on I- beams now in place in floor.

Partition to be plastered both sides with an approximately 5/8" coat of best plaster, finished in approved manner to correspond with similar work now in place.

All work in connection with construction of partition and plastering to be performed in a skillful and firstclass manner.

NEW DOORWAY.

Contractor to cut new doorway, approximately 7' x 11', in terra cotta partition now in place between Refinery and Adjusting room where directed, provide a double I-beam lintel over same, and finish doorway properly for placing of wood casing. Wood casing not included in this contract.

After completion of work, contractor to clean up all rubbish and debris caused by his work.



TREASURY DEPARTMENT,

BUREAU OF THE MINT,

Washington,

April 22, 1905.

Rockwell Engineering Works,

26 Cortlandt St.,

N.Y. City, N.Y.

Gentlemen:-

You are hereby invited to submit proposal for furnishing and installing at the U.S. Mint building, Denver, Colorado, the complete furnace equipment as shown on drawings and as covered by specifications forwarded herewith. It must be understood and agreed that the furnaces will be adapted for the successful burning of fuel oil gas without making any changes in the construction of the furnace. You will note in the specifications that the price to be quoted must cover everything necessary to put the entire furnace equipment in successful operation; any part or parts of appliances, runs of pipe or work not mentioned in the specification, must be furnished, if, in the opinion of the Director of the Mint, the same is necessary to operate the equipment as desired.

I will thank you to state the earliest date possible that you can offer for the completion of the entire furnace equipment. It is desired that drawings, showing your latest construction of all the different types of furnaces as desired, be furnished this office at your earliest convenience.

Respectfully,

Director of the Mint.

(Copy)

BROWN & SHARPE MANUFACTURING CO.

Providence, R.I., Sept. 2, 1905.

Mr. R. E. Preston, Acting Director of the Mint,

Treasury Department, Washington, D.C.

Dear Sir:-

We duly received your favor of August 23, asking for quotation on a Plain Grinding Machine of about 18" or 20" swing, for the U.S. Mint, Denver, Colorado, and would offer for same our #28 Plain Grinding Machine, as shown in the photographs, and described in specifications sent under separate cover.

In order to get the machine into the space you have, we should be obliged to mount the motor on the end marked "A" in photograph, as shown in the blue print and belt it to the drum. This will reduce the travel of the wheel slide to 6 feet 4 inches. Work 8 ft. long can still be held in the centers, but it will be impossible to grind the 20" nearest the foot stock center, so the capacity that you will get in this machine will be 18" in diameter, 6' 4" long.

We would use a 10 H.P. General Electric Motor, variable speed, a Cutler-Hammer Controller and a Cutter Circuit Breaker.

We have included in our quotation the expense of a man to go to Denver to set this machine up, as it have to be taken apart to ship and we think it will be necessary to send a man to assemble it.

We beg to quote for the machine, fitted as above, \$3846.

f.o.b. Denver Mint.

Net Weight,----- about 19000 lbs.

Delivery,----- E Dec. 21, 1905.

Hoping this quotation may be satisfactory and that we may be favored with your order, we beg to remain,

Yours truly,

BROWN & SHARPE M'F'G. CO.

WGB/B.

(COPY)

TREASURY DEPARTMENT.

Bureau of the Mint,

Washington, D.C. Nov. 13, 1905.

Brown & Sharpe Manufacturing Co.,

Providence, R.I.

Gentlemen:-

You offer to manufacture for the use of the U.S. Mint at Denver, Colo. a number 28 plain roll grinding machine, as shown in photographs and described in specifications accompanying your letter of Sept. 2nd, for the sum of \$3846.00 is accepted. In your letter of the 10th Inst. you offer to make delivery of this machine in eight weeks or sooner, if practicable. It would be gratifying if you could make delivery at an earlier date than eight weeks, as the machine will be needed when coining operations will have commenced, which will be the first part of the coming year.

Respectfully,

(Signed) Geo.E. Roberts,

Director of the Mint.

TREASURY DEPARTMENT

OFFICIAL BUSINESS

RETURN AFTER FIVE DAYS



Bids
for
supplies

